## REMARKS

The claims remaining in the present application are Claims 1-27. The Examiner is thanked for performing a thorough search. Claims 1, 2, 12 and 20 have been amended. No new matter has been added. For example support for the amendments to the independent claims 1, 12 and 20 can be found among other places in the instant application at page 10 lines 13-22 and page 12 lines 19-24. The instant application states at page 10 lines 13-22,

> In the data flow diagram of Figure 2, an end-user submits a request for an interactive session to the grid DRM through a submission node 210. On receiving the request from the user the grid DRM selects a remote execution node 235 based on the session requirements, and reserves this node 235 for the requested duration of the session. In addition, the grid DRM also performs an advance reservation of fine grained resources like central processing unit (CPU) and network bandwidth for the user's session. At the requested time, the grid DRM would establish an interactive session between this remote execution node 235 and the end-user's submission node 210. The end-user then interacts directly with this remote execution node 235 through the established session.

The instant application states at page 12 lines 19-24,

> ...the end-user creates a job request template for a new global interactive session, specifying the resource requirements, session requirements, and the desired list of applications to be launched during the session. This request is submitted to the grid DRM node 220 from the submission node 210

## DRAWINGS

In paragraph 2, the Office Action objected to the drawings stating "The drawings are objected to...because they fail to show reference numerals for the different parts of in each figure specifically fig. 1." Applicants respectfully traverse this objection.

Applicants respectfully point out that Figure 1 is for the conventional art. Further, Figure 1 is not the only figure that was filed with the instant application serial no. 10/666,093. Features recited by the claims such as an interactive grid computing service 440, a resource 444 that graphical data is associated with, a first firewall 448, a remote display server 442, a remote display viewer 512, a second firewall 458, and a secure socket layer connection 550, which enables secure access, a client 450 for receiving a request are displayed in various figures.

## CLAIM REJECTIONS
### 35 U.S.C. §102

Claims 1, 2, 4-6, 8-10, 12-13, 15-21 and 23-27

Claims 1, 2, 4-6, 8-10, 12-13, 15-21 and 23-27 are rejected under 35 U.S.C. §102(a) as being anticipated by U.S. Patent No. 6,026,430 by Butman et al. (referred to hereinafter as "Butman"). Applicants respectfully submit that embodiments of the present invention are neither taught nor suggested by Butman.

Applicants respectfully submit that Butman does not teach or suggest, among other things, "a resource that said interactive grid computing service provider reserves for a client based on a request from said client for an interactive session for a service that said resource is enabled to provide... a remote <u>display</u> server... wherein said client is enabled to <u>communicate directly</u> with said resource over said secure connection during said interactive session," as recited by Claim 1.

Butman teaches a way of using a registration based system that uses domain and client communication servers and resource locators as a part of determining what functions can be executed on domain or client communications servers <u>to selectively direct information between clients</u>. For example, Butman states in the abstract,

> A registry to organize information from client entities on different networks for selective sharing, having a first computer having a disk for storing dynamic client registry and resource locators containing function names. A web server causes the first computer to respond to the resource locators by loading the function name indicated. A database management program organizes the dynamic client registry. The system also includes a domain communications server which is used by the web server to respond to resource locators directed to it and to direct the database management program in organizing the dynamic client registry; several secondary computers networked with the first, each having a disk for storing a dynamic group registry and resource locators containing function names, a web server which causes the secondary computer to respond to resource locators by loading the function name indicated, a database management program for organizing the dynamic group registry; a client side communications server in each secondary computer, which responds to resource locators directed to the client side communications server and which directs the database management program in organizing the dynamic group registry; a domain communications resource locator list stored in all computers that causes functions to be selected for execution in the domain communications server; a client side communications resource location list stored in all computers that causes functions to be selected for execution in each client side communications server so that communications between the first computer and each secondary computer cause the selected functions to selectively direct information to secondary computers.

A dynamic client registry as taught by Butman could be used for internal communications between employees associated with a company or for external

communications with customers, vendors, etc. as indicated at Col. 1 lines 16-20. A dynamic client registry as taught by Butman could be used in the area of investment management firms, news broadcast organizations, investment banking as indicated at Col. 12 lines 61-67.

> At Col. 15 lines 56-61, Butman states,
>
> In a preferred embodiment, a client side communications server CSS is used at each customer or client's site to serve all content produced internally, by the client, and also to handle reception of all content distributed from outside the client but within the domain served by domain communications server A1.

At Col. 16 lines 3-6, Butman states, "Also in a preferred embodiment a client side communications server CSS for a given customer must use a domain communications server to communicate with other customers that are external to it." Butman teaches at Col. 14 lines 56-61 and Col. 16 lines 3-6 that regardless of whether content is communicated internally or externally with respect to a company, Butman's clients never communicate directly with each other. Therefore, Butman teaches away from "wherein said client is enabled to communicate directly with said resource over said secure connection during said interactive session," as recited by Claim 1.

The Office Action states, "a resource (see col. 21 lines 25-57...resource which may be a text file, PDF file, or a movie..." However, Butman's text file, PDF file or movie is not coupled to a first firewall nor would it make sense to couple a text file PDF file or a movie with a firewall. The Office Action then states "a first firewall coupled to said resource for protecting said resource (see col. 13 lines 42-54, resource servers are coupled to a firewall)..." Now it appears the Office Action is asserting that so called "resource servers" teach Claim 1's "resource." Butman states at Col. 13 lines 42-54,

> Still in FIG. 1a client C2 might be an investment bank C2 that has offices in Hong Kong, New York and London, all connected with each other through the bank's wide area network C2WAN to form an internal network. The bank's entire network is shielded from external intrusion by firewall F2. Each of investment bank C2's sites at Hong Kong, New York and London has its own Local Area Network –C2-HKLan in Hong Kong, C2-NYLan in New York, and C2-LNLan in London, with terminals T using standard commercially available Web browsers also connected at each Local Area Network.

Note that the term "resource servers" is never mentioned in Col. 13 lines 42-54. Applicants respectfully request that the next Office Action clearly and consistently

indicate what elements described by a cited reference are alleged to be analogous to elements recited by Applicants' claims. For example, on page 3 the Office Action first asserts that Butman's text file, PDF file or a movie teaches Claim 1's resource. Then the Office Action states asserts that so called "resource server," which doesn't even appear in the cited portion Col. 13 lines 42-54, teaches Claim 1's "resource."

The Office Action asserts at the top of Page 4 that "servers store objects which may be a drawing or a movie..." teaches Claim 1's "remote display server." However, a server that stores objects does not teach a remote <u>display</u> server.

For at least these reasons, independent Claim 1 is patentable over Butman. For similar reasons independent Claims 12 and 20 should be patentable over Butman. <u>Since Butman teaches away from the embodiments recited by the independent Claims 1, 12 and 20, it would be improper not only for future Office Actions to cite Butman in an anticipation rejection but also to combine Butman with another reference as a part of an obviousness rejection.</u>

Claims 1-11 depend on Claim 1. Claims 13-19 depend on Claim 12. Claims 21-27 depend on Claim 20. These dependent claims include all of the features of their respective independent claims. Therefore, these dependent claims should be patentable for at least the reasons that their respective independent claims should be patentable.

## CONCLUSION

In light of the above listed amendments and remarks, reconsideration of the rejected claims is requested. Based on the arguments and amendments presented above, it is respectfully submitted that Claims 1-27 overcome the rejections of record. For reasons discussed herein, Applicants respectfully request that Claims 1-27 be considered be the Examiner. Therefore, allowance of Claims 1-27 is respectfully solicited.

Should the Examiner have a question regarding the instant amendment and response, the Applicants invite the Examiner to contact the Applicants' undersigned representative at the below listed telephone number.

Respectfully submitted,
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Dated: 09/25/2007

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